Exhibit A

CURRICULUM VITAE

Personalia

Name	Johannes Jacobus Ludgerus GIELEN
Date and place of birth	25 August 1962, Zuidelijke IJsselmeer Polders, the Netherlands
Civil status	Married, two children
Address	6A, Impasse Manet 31140 AUCAMVILLE, France
Telephone	(33) 562 750 117 (private) (33) 562 799 887 (office)
E-mail	Jan.Gielen@Syngenta.com

Education

Masters in Biology	September 1980 - June 1987 Free University, Amsterdam, the Netherlands
Ph.D. in Agricultural Sciences	December 1995 Agricultural University, Wageningen, the Netherlands Thesis: Molecular Breeding for Virus Resistance: an applied approach in vegetable crops.

Professional experience

Free University of Amsterdam
Amsterdam, Netherlands

October 1983 - June 1987
Masters Biology

Practical training periods of 6 months each in Molecular Genetics, Plant Physiology, Phytopathology and Microbial Physiology.

Syngenta Seeds
Enkhuizen, Netherlands

July 1987 - November 1994
Project Leader Molecular Cell Biology

Key responsibility:

Introducing virus resistance in various vegetable crops by means of genetic engineering, i.e. the construction of pathogen-derived resistance genes, the development of proprietary transformation protocols for lettuce, tomato, and melon, and the analysis and molecular characterization of transgenic plants, including the organization of field trials.

Syngenta Seeds
Saint-Sauveur, France

November 1994 - present
Program Leader Transgene Biotechnology

Key responsibilities:

Managing the research program related to the transgene biotechnology sugar beet in collaboration with the Swedish laboratory in Landskrona, involving herbicide resistance, nematode resistance, virus resistance, etc.

Facilitating and supporting the regulatory and governmental affairs concerning the field trial and marketing applications of genetically modified crops.

Scouting and coordination of external research projects.

Languages

Dutch	Native tongue
English	Fluent in oral and written communication
French	Fluent in oral communication
German	Passive command only

Major publications

Gielen, J.J.L., 1995. Molecular Breeding for Virus Resistance: an applied approach in vegetable crops. Ph.D. thesis, Agricultural University, Wageningen (ISBN 90-5485-480-4).

Gielen, J., T. Ultzen, S. Bontems, W. Loots, A. van Schepen, A. Westerbroek, P. de Haan & M. van Grinsven, 1996. Coat protein-mediated protection to cucumber mosaic virus infections in cultivated tomato. Euphytica 88: 139-149.

Ultzen, T., J. Gielen, F. Venema, A. Westerbroek, P. de Haan, M. Tan, A. Schram, M. van Grinsven & R. Goldbach, 1995. Resistance to tomato spotted wilt virus in transgenic tomato hybrids. Euphytica 85: 159-168.

de Haan, P., J.J.L. Gielen, M. Prins, I.G. Wijkamp, A. van Schepen, D. Peters, M.Q.J.M. van Grinsven & R.W. Goldbach, 1992. Characteristics of RNA-mediated resistance to tomato spotted wilt virus in transgenic tobacco plants. Bio/Technology 10: 1133-1137.

Gielen, J.J.L., P. de Haan, A.J. Kool, D. Peters, M.Q.J.M. van Grinsven & R.W. Goldbach, 1991. Engineered resistance to tomato spotted wilt virus, a negative-strand RNA virus. Bio/Technology 9: 1363-1367.